



PATENT  
Attorney Docket No.: SSI-08500

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	Group Art Unit: 3746
William Dale Jones	)	Examiner:
Serial No.: 10/630,649	)	<b><u>TRANSMITTAL LETTER</u></b>
Filed: July 29, 2003	)	162 N. Wolfe Road
For: <b>CONTROL OF FLUID FLOW IN</b>	)	Sunnyvale, CA 94086
<b>THE PROCESSING OF AN</b>	)	(408) 530-9700
<b>OBJECT WITH A FLUID</b>	)	Customer No.: 28960

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Sir:

Enclosed please find an Information Disclosure Statement and Form PTO-1449, including copies of the references contained thereon, for filing in the U.S. Patent and Trademark Office.

You will also find enclosed the associated Transmittals, Electronic Information Disclosure Statements, and United States Patent and Trademark Office Acknowledgment Receipts for the electronically filed Information Disclosure Statement (EFS ID #53480); (EFS ID #53481); (EFS ID #53482); (EFS ID #53483); (EFS ID #53484); (EFS ID #53486); and (EFS ID #53487) filed on January 12, 2004.

The Commissioner is hereby authorized to charge any additional fee or credit overpayment to our Deposit Account No. 08-1275. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

Respectfully submitted,  
HAVERSTOCK & OWENS LLP

Dated: 1-12-04

By: Thomas B. Haverstock  
Thomas B. Haverstock  
Reg. No.: 32,571

CERTIFICATE OF MAILING (37 CFR § 1.8(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

HAVERSTOCK & OWENS LLP.

Date: 1-12-04 By: [Signature]

Attorneys for Applicant



Attorney Docket No.: PATENT  
SSI-08500

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

William Dale Jones

Serial No.: 10/630,649

Filed: July 29, 2003

For: **CONTROL OF FLUID FLOW IN  
THE PROCESSING OF AN  
OBJECT WITH A FLUID**

) Group Art Unit: 3746

) Examiner:

) **INFORMATION DISCLOSURE**  
) **STATEMENT**

) 162 N. Wolfe Road  
) Sunnyvale, CA 94086  
) (408) 530-9700

\_\_\_\_\_  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Sir:

The citations listed below, copies attached, may be material to the examination of the above-identified application, and are therefore submitted in compliance with the duty of disclosure defined in 37 C.F.R. §§ 1.56 and 1.97. The Examiner is requested to make these citations of official record in this application.

United States Patents or Published Patent Applications have been filed electronically (EFS ID #53480); (EFS ID #53481); (EFS ID #53482); (EFS ID #53483); (EFS ID #53484); (EFS ID #53486); and (EFS ID #53487). Applicants have become aware of the following printed publication which may be material to the examination of this application:

- Chinese Publication No. CN 1399790 A;
- German Publication No. DE 36 08 783 A1;
- German Publication No. DE 39 04 514 C2;
- German Publication No. DE 39 06 724 C2;
- German Publication No. DE 39 06 735 C2;
- German Publication No. DE 39 06 737 A1;
- German Publication No. DE 40 04 111 C2;
- German Publication No. DE 43 44 021 A1;
- German Publication No. DE 44 29 470 A1;
- German Publication No. DE 198 60 084 A1;



Attorney Docket No.: PATENT  
SSI-08500

- European Publication No. EP 0 244 951 A2;
- European Publication No. EP 0 272 141 A2;
- European Publication No. EP 0 283 740 A2;
- European Publication No. EP 0 302 345 A2;
- European Publication No. EP 0 370 233 A1;
- European Publication No. EP 0 391 035 A2;
- European Publication No. EP 0 453 867 A1;
- European Publication No. EP 0 518 653 B1;
- European Publication No. EP 0 536 752 A2;
- European Publication No. EP 0 572 913 A1;
- European Publication No. EP 0 587 168 A1;
- European Publication No. EP 0 620 270 A3;
- European Publication No. EP 0 679 753 A1;
- European Publication No. EP 0 711 864 B1;
- European Publication No. EP 0 726 099 A2;
- European Publication No. EP 0 727 711 A2;
- European Publication No. EP 0 822 583 A2;
- European Publication No. EP 0 829 312 A2;
- European Publication No. EP 0 836 895 A2;
- European Publication No. EP 0 903 775 A2;
- French Publication No. FR 1 499 491;
- Great Britain Publication No. GB 2 003 975;
- Great Britain Publication No. GB 2 193 482;
- Japanese Patent Abstract JP 1-045131;
- Japanese Patent Abstract JP 1-246835;
- Japanese Patent Abstract JP 2-148841;
- Japanese Patent Abstract JP 2-209729;
- Japanese Patent Abstract JP 2-304941;
- Japanese Patent Abstract JP 7-142333;
- Japanese Patent Abstract JP 8-186140;
- Japanese Patent Abstract JP 8-222508;
- Japanese Patent Abstract JP 10-144757;
- Japanese Patent Abstract JP 10-335408;

- Japanese Patent Abstract JP 11-200035;  
Japanese Patent Abstract JP 56-142629;
  
- Japanese Patent Abstract JP 60-192333;
- Japanese Patent Abstract JP 60-238479;
- Japanese Patent Abstract JP 60-246635;
- Japanese Patent Abstract JP 61-231166;
- Japanese Patent Abstract JP 62-125619;
- Japanese Patent Abstract JP 63-303059;
- Japanese Patent Abstract JP 2000/106358;
- Swiss Publication No. SE 251213;
- PCT Publication No. WO 87/07309;
- PCT Publication No. WO 90/06189;
- PCT Publication No. WO 90/13675;
- PCT Publication No. WO 91/12629;
- PCT Publication No. WO 93/14255;
- PCT Publication No. WO 93/14259;
- PCT Publication No. WO 93/20116;
- PCT Publication No. WO 96/27704;
- PCT Publication No. WO 99/18603;
- PCT Publication No. WO 99/49998;
- PCT Publication No. WO 00/36635;
- PCT Publication No. WO 00/73241 A1;
- PCT Publication No. WO 01/10733 A1;
- PCT Publication No. WO 01/33615 A3;
- PCT Publication No. WO 01/55628 A1;
- PCT Publication No. WO 01/68279 A2;
- PCT Publication No. WO 01/74538 A1;
- PCT Publication No. WO 01/78911 A1;
- PCT Publication No. WO 01/85391 A2;
- PCT Publication No. WO 01/94782 A3;
- PCT Publication No. WO 02/09894 A2;
- PCT Publication No. WO 02/16051 A2;

- PCT Publication No. WO 02/11191 A2;
- PCT Publication No. WO 02/16051 A2;
- PCT Publication No. WO 03/030219 A2;
- J.B. Rubin et al. "A Comparison of Chilled DI Water/Ozone and Co<sub>2</sub>-Based Supercritical Fluids as Replacements for Photoresist-Stripping Solvents", IEEE/CPMT Int'l Electronics Manufacturing Technology Symposium, 1998, pp. 308-314;
- "Los Alamos National Laboratory," Solid State Technology, pp. S10 & S14, October 1998;
- "Supercritical Carbon Dioxide Resist Remover, SCORR, the Path to Least Photoresistance," Los Alamos National Laboratory, 1998;
- Guan, Z. et al., "Fluorocarbon-Based Heterophase Polymeric Materials. 1. Block Copolymer Surfactants for Carbon Dioxide Applications," Macromolecules, Vol. 27, 1994, pp 5527-5532;
- International Journal of Environmentally Conscious Design & Manufacturing, Vol. 2, No. 1, 1993, p. 83;
- Matson and Smith "Supercritical Fluids", Journal of the American Ceramic Society, Vol. 72, No. 6, pp. 872-874;
- Ziger, D.H. et al., "Compressed Fluid Technology: Application to RIE Developed Resists," AIChE Journal, Vol. 33, No. 10, October 1987, pp 1585-1591;
- Kirk-Othmer, "Alcohol Fuels to Toxicology," Encyclopedia of Chemical Terminology, 3rd ed., Supplement Volume, New York: John Wiley & Sons, 1984, pp. 872-893;
- "Cleaning with Supercritical CO<sub>2</sub>," NASA Tech Briefs, MFS-29611, Marshall Space Flight Center, Alabama, March 1979;
- Basta, N., "Supercritical Fluids: Still Seeking Acceptance," Chemical Engineering, Vol. 92, No. 3, 2/24/85, p. 14;
- Takahashi, D., "Los Alamos Lab Finds Way to Cut Chip Toxic Waste," Wall Street Journal, June 22, 1998;
- "Supercritical CO<sub>2</sub> Process Offers Less Mess from Semiconductor Plants", Chemical Engineering Magazine, pp. 27 & 29, July 1998;

- Sun, Y.P. et al., "Preparation of Polymer-Protected Semiconductor Nanoparticles Through the Rapid Expansion of Supercritical Fluid Solution," Chemical Physics Letters, pp. 585-588, May 22, 1998;
- Jackson, K. et al., "Surfactants and Micromulsions in Supercritical Fluids," Supercritical Fluid Cleaning. Noyes Publications, Westwood, NJ, pp. 87-120, Spring 1998;
- Kryszewski, M., "Production of Metal and Semiconductor Nanoparticles in Polymer Systems," Polimery, pp. 65-73, February 1998;
- Bakker, G.L. et al., "Surface Cleaning and Carbonaceous Film Removal Using High Pressure, High Temperature Water, and Water/CO<sub>2</sub> Mixtures," J. Electrochem. Soc, Vol. 145, No. 1, pp. 284-291, Jan. 98;
- Ober, C.K. et al., "Imaging Polymers with Supercritical Carbon Dioxide," Advanced Materials, Vol. 9, No. 13, 1039-1043, 3 Nov. 1997;
- Russick, E.M. et al., "Supercritical Carbon Dioxide Extraction of Solvent from Micro-machined Structures." Supercritical Fluids Extraction and Pollution Prevention, ACS Symposium Series, Vol. 670, pp. 255-269, 21 Oct 1997;
- Dahmen, N. et al., "Supercritical Fluid Extraction of Grinding and Metal Cutting Waste Contaminated with Oils," Supercritical Fluids - Extraction and Pollution Prevention, ACS Symposium Series, Vol. 670, pp. 270-279, 21 Oct 1997;
- Wai, C.M., "Supercritical Fluid Extraction: Metals as Complexes," Journal of Chromatography A, Vol. 785, pp. 369-383, 17 Oct. 1997;
- Xu, C. et al., "Submicron-Sized Spherical Yttrium Oxide Based Phosphors Prepared by Supercritical CO<sub>2</sub>-Assisted aerosolization and pyrolysis," Appl. Phys. Lett., Vol. 71, No.12, September 22, 1997, pp. 1643-1645;
- Tomioka Y, et al., "Decomposition of Tetramethylammonium (TMA) in a Positive Photo-resist Developer by Supercritical Water," Abstracts of Papers 214<sup>th</sup> ACS Natl Meeting, American Chemical Society, Abstract no. 108, September 7, 1997;
- Klein, H. et al., "Cyclic Organic Carbonates Serve as Solvents and Reactive Diluents," Coatings World, pp. 38-40, May 1997;
- Bühler, J. et al., "Linear Array of Complementary Metal Oxide Semiconductor Double-Pass Metal Micro-mirrors," Opt. Eng., Vol. 36, No.5, pp 1391-1398, May 1997;

Jo, M.H. et al., "Evaluation of SiO<sub>2</sub> Aerogel Thin Film with Ultra Low Dielectric Constant as an Intermetal Dielectric, Microelectronic Engineering, Vol. 33, pp. 343-348, Jan. 1997;

- McClain, J.B. et al., "Design of Nonionic Surfactants for Supercritical Carbon Dioxide," Science, Vol. 274, Dec. 20, 1996. pp. 2049-2052;
- Znaidi, L. et al., "Batch and Semi-Continuous Synthesis of Magnesium Oxide Powders from Hydrolysis and Supercritical Treatment of Mg(OCH<sub>3</sub>)<sub>2</sub>," Materials Research Bulletin, Vol. 31, No. 12, pp. 1527-1335, Dec. 1996;
- Tadros, M.E., "Synthesis of Titanium Dioxide Particles in Supercritical CO<sub>2</sub>," J. Supercritical Fluids, Vol. 9, pp.172-176, Sept 1996;
- Courtecuisse, V.G. et al., "Kinetics of the Titanium Isopropoxide Decomposition in Supercritical Isopropyl Alcohol, " Ind. Eng. Chem. Res., Vol. 35, No. 8, pp. 2539-2545, Aug 1996;
- Gabor, A, et al., "Block and Random Copolymer resists Designed for 193 nm Lithography and Environmentally Friendly Supercritical CO<sub>2</sub> Development," , SPIE, Vol. 2724, pp. 410-417, Jun. 1996;
- Schimek, G. L. et al., "Supercritical Ammonia Synthesis and Characterization of Four New Alkali Metal Silver Antimony Sulfides...", J. Solid State Chemistry, Vol. 123 pp. 277-284, May 1996;
- Gallagher-Wetmore, P. et al., "Supercritical Fluid Processing: Opportunities for New Resist Materials and Processes," SPIE, Vol. 2725, pp.289-299, April 1996;
- Papathomas, K.I. et al., "Debonding of Photoresists by Organic Solvents," J. Applied Polymer Science, Vol. 59, pp. 2029-2037, Mar 28, 1996;
- Watkins, J.J. et al., "Polymer/metal Nanocomposite Synthesis in Supercritical CO<sub>2</sub>," Chemistry of Materials, Vol. 7, no. 11, November 1995., pp. 1991-1994;
- Gloyna, E.F. et al., "Supercritical Water Oxidation Research and Development Update," Environmental Progress, Vol. 14, No. 3. Pp. 182-192, August 1995;
- Gallagher-Wetmore, P. et al., "Supercritical Fluid Processing: A New Dry Technique for Photoresist Developing," SPIE Vol. 2438, pp.694-708, Jun. 1995;
- Gabor, A. H. et al., "Silicon-Containing Block Copolymer Resist Materials," Microelectronics Technology - Polymers for Advanced Imaging and Packaging , ACS Symposium Series, Vol. 614, pp. 281-298, April 1995;

- Tsiartas, P.C. et al., "Effect of Molecular weight Distribution on the Dissolution Properties of Novolac Blends," SPIE, Vol. 2438, pp. 264-271, June 1995;
- Allen, R.D. et al., "Performance Properties of Near-monodisperse Novolac Resins," SPIE, Vol. 2438, pp. 250-260, June 1995;
  - Wood, P.T. et al., "Synthesis of New Channeled Structures in Supercritical Amines...", Inorg. Chem., Vol. 33, pp. 1556-1558, 1994;
  - Jerome, J.E. et al., "Synthesis of New Low-Dimensional Quaternary Compounds...", Inorg. Chem., Vol. 33, pp. 1733-1734, 1994;
  - McHardy, J. et al., "Progress in Supercritical CO<sub>2</sub> Cleaning," SAMPE Jour., Vol. 29, No. 5, pp. 20-27, September 1993;
  - Purtell, R. et al., "Precision Parts Cleaning using Supercritical Fluids," J. Vac, Sci, Technol. A. Vol. 11, No. 4, July 1993, pp. 1696-1701;
  - Bok, E. et al., "Supercritical Fluids for Single Wafer Cleaning," Solid State Technology, pp. 117-120, June 1992;
  - Adschiri, T. et al., "Rapid and Continuous Hydrothermal Crystallization of Metal Oxide Particles in Supercritical Water," J. Am. Ceram. Soc., Vol. 75, No. 4, pp. 1019-1022, 1992;
  - Hansen, B.N. et al., "Supercritical Fluid Transport - Chemical Deposition of Films," Chem. Mater., Vol. 4, No. 4, pp. 749-752, 1992;
  - Page, S.H. et al., "Predictability and Effect of Phase Behavior of CO<sub>2</sub>/ Propylene Carbonate in Supercritical Fluid Chromatography," J. Microcol, Vol 3, No. 4, pp. 355-369, 1991;
  - Brokamp, T. et al., "Synthese und Kristallstruktur Eines Gemischtvalenten Lithium-Tantalnitrids Li<sub>2</sub>Ta<sub>3</sub>N<sub>5</sub>," J. Alloys and Compounds, Vol. 176, pp. 47-60, 1991;
  - Hybertson, B.M. et al., "Deposition of Palladium Films by a Novel Supercritical Fluid Transport Chemical Deposition Process," Mat. Res. Bull., Vol. 26, pp. 1127-1133, 1991;
  - Ziger, D. H. et al., "Compressed Fluid Technology: Application to RIE-Developed Resists," AiChE Jour., Vol. 33, No. 10, pp. 1585- 1591, October 1987;
  - Matson, D.W. et al., "Rapid Expansion of Supercritical Fluid Solutions: Solute Formation of Powders, Thin Films, and Fibers," Ind. Eng. Chem. Res., Vol. 26, No. 11, pp. 2298-2306, 1987;

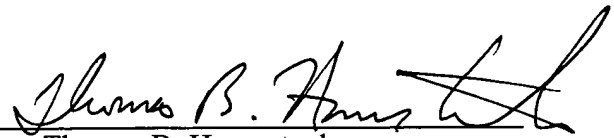


- Tolley, W.K. et al., "Stripping Organics from Metal and Mineral Surfaces using Supercritical Fluids," Separation Science and Technology, Vol. 22, pp. 1087-1101, 1987;
- "Final Report on the Safety Assessment of Propylene Carbonate", J. American College of Toxicology, Vol. 6, No. 1, pp. 23-51, 1987;
- "Porous Xerogel Films as Ultra-Low Permittivity Dielectrics for ULSI Interconnect Applications", Materials Research Society, pp. 463-469, 1997;
- Kawakami et al, "A Super Low-k ( $k=1.1$ ) Silica Aerogel Film Using Supercritical Drying Technique ", IEEE, pp. 143-145, 2000;
- R.F. Reidy, "Effects of Supercritical Processing on Ultra Low-K Films", Texas Advanced Technology Program, Texas Instruments, and the Texas Academy of Mathematics and Science;
- Anthony Muscat, "Backend Processing Using Supercritical CO<sub>2</sub>", University of Arizona;
- D. Goldfarb et al., "Aqueous-based Photoresist Drying Using Supercritical Carbon Dioxide to Prevent Pattern Collapse", J. Vacuum Sci. Tech. B 18 (6), 3313 (2000);
- H. Namatsu et al., "Supercritical Drying for Water-Rinsed Resist Systems", J. Vacuum Sci. Tech. B 18 (6), 3308 (2000);
- N. Sundararajan et al., "Supercritical CO<sub>2</sub> Processing for Submicron Imaging of Fluoropolymers", Chem. Mater. 12, 41 (2000);
- Hideaki Itakura et al., "Multi-Chamber Dry Etching System", Solid State Technology, April 1982, pp. 209-214;
- Joseph L. Foszcz, "Diaphragm Pumps Eliminate Seal Problems", Plant Engineering , pp. 1-5, February 1, 1996; and
- Bob Agnew, "WILDEN Air-Operated Diaphragm Pumps", Process & Industrial Training Technologies, Inc., 1996.

This Information Disclosure Statement under 37 C.F.R. §§ 1.56 and 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that anyone or more of these citations constitutes prior art.

Respectfully submitted,  
HAVERSTOCK & OWENS LLP

Dated: 1-12-04

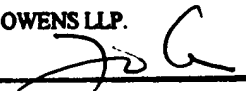
By:   
Thomas B. Haverstock  
Reg. No.: 32,571

Attorneys for Applicant

**CERTIFICATE OF MAILING (37 CFR § 1.8(a))**

**I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450**

- 9 -

HAVERSTOCK & OWENS LLP.  
Date: 1-12-04 By: 

FORM PTO-1449  
(Modified)

JAN 15 2004

U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket No.: SSI-08500

Serial No.: 10/630,649

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use Several Sheets If Necessary)

Applicant: William Dale Jones

Filing Date: July 29, 2003

Group Art Unit: 3746

(37 CFR § 1.98(b))

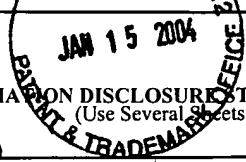
## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
	AA	CN 1399790 A	02/26/03	China	H01L	21/00		X
	AB	DE 36 08 783 A1	09/17/87	Germany	C30B	25/12		X
	AC	DE 39 04 514 C2	08/23/90	Germany	D 06 L	1/00		X
	AD	DE 39 06 724 C2	09/13/90	Germany	D 06 P	1/90		X
	AE	DE 39 06 735 C2	09/06/90	Germany	D 06 L	3/00		X
	AF	DE 39 06 737 A1	09/13/90	Germany	D 06 M	11/59		X
	AG	DE 40 04 111 C2	08/23/90	Germany	D 06 L	1/00		X
	AH	DE 43 44 021 A1	06/29/95	Germany	D 06 P	1/16		X
	AI	DE 44 29 470 A1	03/02/95	Germany	D 06 P	5/04		X
	AJ	DE 198 60 084 A1	07/06/00	Germany	H01L	21/3213		X
	AK	EP 0 244 951 A2	11/11/87	EPO	H01L	21/00		X
	AL	EP 0 272 141 A2	06/22/88	EPO	H01L	21/00		X
	AM	EP 0 283 740 A2	09/28/88	EPO	C22B	3/00		X
	AN	EP 0 302 345 A2	02/08/89	EPO	C22B	3/00		X
	AO	EP 0 370 233 A1	05/30/90	EPO	C22B	3/00		X
	AP	EP 0 391 035 A2	10/10/90	EPO	C23G	5/00		X
	AQ	EP 0 453 867 A1	10/30/91	EPO	F16K	51/02		X
	AR	EP 0 518 653 B1	12/16/92	EPO	D 06 L	1/02		X
	AS	EP 0 536 752 A2	04/14/93	EPO	C 11 D	3/20		X
	AT	EP 0 572 913 A1	12/08/93	EPO	B01D	11/02		X
	AU	EP 0 587 168 A1	03/16/94	EPO	B08B	7/00		X
	AV	EP 0 620 270 A3	10/19/94	EPO	C11D	7/50		X
	AW	EP 0 679 753 B1	11/02/95	EPO	D06F	43/00		X
	AX	EP 0 711 864 B1	05/15/96	EPO	D06G	1/00		X
	AY	EP 0 726 099 A2	08/14/96	EPO	B08B	5/00		X
	AZ	EP 0 727 711 A2	08/21/96	EPO	G 03 F	7/004		X
	BA	EP 0 822 583 A2	02/04/98	EPO	H01L	21/306		X
	BB	EP 0 829 312 A2	03/18/98	EPO	B 08 B	3/08		X
	BC	EP 0 836 895 A2	04/22/98	EPO	B08B	7/00		X
	BD	EP 0 903 775 A2	03/24/99	EPO	H01L	21/00		X
	BE	FR 1.499.491	09/18/67	France	F16K			X
	BF	GB 2 003 975	03/21/79	Great Britain	F04B	43/06		X
	BG	GB 2 193 482	02/10/88	Great Britain	B25J	18/02		X
	BH	JP 1-045131	02/17/89	Japan	B01D	011/04		X

Examiner:

Date Considered:

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)				U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: SSI-08500		Serial No.: 10/630,649	
<b>INFORMATION ON DISCLOSURE STATEMENT BY APPLICANT</b> (Use Several Sheets If Necessary)						Applicant: William Dale Jones			
(37 CFR § 1.98(h))						Filing Date: July 29, 2003		Group Art Unit: 3746	
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS									
		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation		
							Yes	No	
	BI	JP 1-246835	10/02/89	Japan	H 01 L	21/304		X	
	BJ	JP 2-148841	06/07/90	Japan	H01L	21/306		X	
	BK	JP 2-209729	8/21/90	Japan	H 01 L	21/302		X	
	BL	JP 2-304941	12/18/90	Japan	H01L	21/56		X	
	BM	JP 7-142333	06/02/95	Japan	H01L	021/027		X	
	BN	JP 8-186140	07/16/96	Japan	H01L	21/56		X	
	BO	JP 8-222508	08/30/96	Japan	H01L	021/027		X	
	BP	JP 10-144757	05/29/98	Japan	H01L	21/68		X	
	BQ	JP 10-335408	12/18/98	Japan	H01L	21/31	X		
	BR	JP 11-200035	07/27/99	Japan	C23C	14/34		X	
	BS	JP 56-142629	11/07/81	Japan	H01L	21/205		X	
	BT	JP 60-192333	09/30/85	Japan	H01L	21/30		X	
	BU	JP 60-238479	11/27/85	Japan	C23C	14/56		X	
	BV	JP 60-246635	12/06/85	Japan	H01L	21/302		X	
	BW	JP 61-231166	10/15/86	Japan	C23C	14/24		X	
	BX	JP 62-125619	06/06/87	Japan	H01L	21/30		X	
	BY	JP 63-303059	12/09/88	Japan	C23C	14/22		X	
	BZ	2000/106358	04/11/00	Japan	H01L	21/3065		X	
	CA	SE 251213	08/16/48	Swiss	100a			X	
	CB	WO 87/07309	12/03/87	PCT	C23C	16/00		X	
	CC	WO 90/06189	06/14/90	PCT	B08B	7/00		X	
	CD	WO 90/13675	11/15/90	PCT	C22B	3/00		X	
	CE	WO 91/12629	08/22/91	PCT	H01L	21/00		X	
	CF	WO 93/14255	07/22/93	PCT	D06B	5/16		X	
	CG	WO 93/14259	07/22/93	PCT	D06M	11/76		X	
	CH	WO 93/20116	10/14/93	PCT	C08F	14/18		X	
	CI	WO 96/27704	09/12/96	PCT	D06L	1/00		X	
	CJ	WO 99/18603	04/15/99	PCT	H 01 L	21/00		X	
	CK	WO 99/49998	10/07/99	PCT	B08B	5/00		X	
	CL	WO 00/36635	06/22/00	PCT	H01L	21/00		X	
	CM	WO 00/73241 A1	12/07/00	PCT	C04B	35/622		X	
	CN	WO 01/10733 A1	2/15/01	PCT	B65D	55/00		X	
	CO	WO 01/33615 A3	5/10/01	PCT	H01L	21/00		X	
	CP	WO 01/55628 A1	08/02/01	PCT	F16K	51/02		X	
	CQ	WO 01/68279 A2	09/20/01	PCT	B08B	7/00		X	
	CR	WO 01/74538 A1	10/11/01	PCT	B24C	1/00		X	
Examiner:					Date Considered:				
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									

FORM PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket No.: SSI-08500

Serial No.: 10/630,649

INFORMATION DISCLOSURE STATEMENT BY APPLICANT  
(Use Several Sheets if Necessary)

Applicant: William Dale Jones

Filing Date: July 29, 2003

Group Art Unit: 3746

(37 CFR § 1.98(h))

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
	CS	WO 01/78911 A1	10/25/01	PCT	B08B	3/00		X
	CT	WO 01/85391 A2	11/15/01	PCT	B24B			X
	CU	WO 01/94782 A3	12/13/01	PCT	F04B	43/02		X
	CV	WO 02/09894 A2	02/07/02	PCT	B08B			X
	CW	WO 02/11191 A2	02/07/02	PCT	H01L	21/00		X
	CX	WO 02/16051 A2	02/28/02	PCT	B05D			X
	CY	WO 03/030219 A2	10/04/03	PCT	H01L			X

## OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

	CZ	J.B. Rubin et al. "A Comparison of Chilled DI Water/Ozone and Co2-Based Supercritical Fluids as Replacements for Photoresist-Stripping Solvents", IEEE/CPMT Int'l Electronics Manufacturing Technology Symposium, 1998, pp. 308-314.
	DA	"Los Alamos National Laboratory," Solid State Technology, pp. S10 & S14, October 1998.
	DB	"Supercritical Carbon Dioxide Resist Remover, SCORR, the Path to Least Photoresistance," Los Alamos National Laboratory, 1998.
	DC	Guan, Z. et al., "Fluorocarbon-Based Heterophase Polymeric Materials. 1. Block Copolymer Surfactants for Carbon Dioxide Applications," Macromolecules, Vol. 27, 1994, pp 5527-5532.
	DD	International Journal of Environmentally Conscious Design & Manufacturing, Vol. 2, No. 1, 1993, p. 83.
	DE	Matson and Smith "Supercritical Fluids", Journal of the American Ceramic Society, Vol. 72, No. 6, pp. 872-874.
	DF	Ziger, D.H. et al., "Compressed Fluid Technology: Application to RIE Developed Resists," AIChE Journal, Vol. 33, No. 10, October 1987, pp 1585-1591.
	DG	Kirk-Othmer, "Alcohol Fuels to Toxicology," Encyclopedia of Chemical Terminology, 3rd ed., Supplement Volume, New York: John Wiley & Sons, 1984, pp. 872-893.
	DH	"Cleaning with Supercritical CO <sub>2</sub> ," NASA Tech Briefs, MFS-29611, Marshall Space Flight Center, Alabama, March 1979.
	DI	Basta, N., "Supercritical Fluids: Still Seeking Acceptance," Chemical Engineering, Vol. 92, No. 3, 2/24/85, p. 14.
	DJ	Takahashi, D., "Los Alamos Lab Finds Way to Cut Chip Toxic Waste," Wall Street Journal, June 22, 1998.
	DK	"Supercritical CO2 Process Offers Less Mess from Semiconductor Plants", Chemical Engineering Magazine, pp. 27 & 29, July 1998.
	DL	Sun, Y.P. et al., "Preparation of Polymer-Protected Semiconductor Nanoparticles Through the Rapid Expansion of Supercritical Fluid Solution," Chemical Physics Letters, pp. 585-588, May 22, 1998.
	DM	Jackson, K. et al., "Surfactants and Micromulsions in Supercritical Fluids," Supercritical Fluid Cleaning. Noyes Publications, Westwood, NJ, pp. 87-120, Spring 1998.
	DN	Kryszewski, M., "Production of Metal and Semiconductor Nanoparticles in Polymer Systems," Polimery, pp. 65-73, February 1998.
	DO	Bakker, G.L. et al., "Surface Cleaning and Carbonaceous Film Removal Using High Pressure, High Temperature Water, and Water/CO2 Mixtures," J. Electrochem. Soc., Vol. 145, No. 1, pp. 284-291, Jan. 98.
	DP	Ober, C.K. et al., "Imaging Polymers with Supercritical Carbon Dioxide," Advanced Materials, Vol. 9, No. 13, 1039-1043, 3 Nov. 1997.
	DQ	Russick, E.M. et al., "Supercritical Carbon Dioxide Extraction of Solvent from Micro-machined Structures." Supercritical Fluids Extraction and Pollution Prevention, ACS Symposium Series, Vol. 670, pp. 255-269, 21 Oct 1997.
	DR	Dahmen, N. et al., "Supercritical Fluid Extraction of Grinding and Metal Cutting Waste Contaminated with Oils," Supercritical Fluids - Extraction and Pollution Prevention, ACS Symposium Series, Vol. 670, pp. 270-279, 21 Oct 1997.
	DS	Wai, C.M., "Supercritical Fluid Extraction: Metals as Complexes," Journal of Chromatography A, Vol. 785, pp. 369-383, 17 Oct. 1997.
	DT	Xu, C. et al., "Submicron-Sized Spherical Yttrium Oxide Based Phosphors Prepared by Supercritical CO2-Assisted aerosolization and pyrolysis," Appl. Phys. Lett., Vol. 71, No.12, September 22, 1997, pp. 1643-1645.

Examiner

Date Considered:

EXAMINER:

Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: SSI-08500	Serial No.: 10/630,649
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use Several Sheets If Necessary)				Applicant: William Dale Jones	
				Filing Date: July 29, 2003	Group Art Unit: 3746
(37 CFR § 1.98(h))					
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)					
	DU	Tomioka Y, et al., "Decomposition of Tetramethylammonium (TMA) in a Positive Photo-resist Developer by Supercritical Water," Abstracts of Papers 214 <sup>th</sup> ACS Natl Meeting, American Chemical Society, Abstract no. 108, September 7, 1997.			
	DV	Klein, H. et al., "Cyclic Organic Carbonates Serve as Solvents and Reactive Diluents," Coatings World, pp. 38-40, May 1997.			
	DW	Bühler, J. et al., Linear Array of Complementary Metal Oxide Semiconductor Double-Pass Metal Micro-mirrors," Opt. Eng., Vol. 36, No.5, pp 1391-1398, May 1997.			
	DX	Jo, M.H. et al., "Evaluation of SiO <sub>2</sub> Aerogel Thin Film with Ultra Low Dielectric Constant as an Intermetal Dielectric, Microelectronic Engineering, Vol. 33, pp. 343-348, Jan. 1997.			
	DY	McClain, J.B. et al., "Design of Nonionic Surfactants for Supercritical Carbon Dioxide," Science, Vol. 274, Dec. 20, 1996. pp. 2049-2052.			
	DZ	Znaidi, L. et al., "Batch and Semi-Continuous Synthesis of Magnesium Oxide Powders from Hydrolysis and Supercritical Treatment of Mg(OCH <sub>3</sub> ) <sub>2</sub> ," Materials Research Bulletin, Vol. 31, No. 12, pp. 1527-1335, Dec. 1996.			
	EA	Tadros, M.E., "Synthesis of Titanium Dioxide Particles in Supercritical CO <sub>2</sub> ," J. Supercritical Fluids, Vol. 9, pp.172-176, Sept 1996.			
	EB	Courtécuisse, V.G. et al., "Kinetics of the Titanium Isopropoxide Decomposition in Supercritical Isopropyl Alcohol," Ind. Eng. Chem. Res., Vol. 35, No. 8, pp. 2539-2545, Aug 1996.			
	EC	Gabor, A. et al., "Block and Random Copolymer resists Designed for 193 nm Lithography and Environmentally Friendly Supercritical CO <sub>2</sub> Development," SPIE, Vol. 2724, pp. 410-417, Jun. 1996.			
	ED	Schimek, G. L. et al., "Supercritical Ammonia Synthesis and Characterization of Four New Alkali Metal Silver Antimony Sulfides...," J. Solid State Chemistry, Vol. 123 pp. 277-284, May 1996.			
	EE	Gallagher-Wetmore, P. et al., "Supercritical Fluid Processing: Opportunities for New Resist Materials and Processes," SPIE, Vol. 2725, pp.289-299, April 1996.			
	EF	Papathomas, K.I. et al., "Debonding of Photoresists by Organic Solvents," J. Applied Polymer Science, Vol. 59, pp. 2029-2037, Mar 28, 1996.			
	EG	Watkins, J.J. et al., "Polymer/metal Nanocomposite Synthesis in Supercritical CO <sub>2</sub> ," Chemistry of Materials, Vol. 7, no. 11, November 1995., pp. 1991-1994.			
	EH	Gloyne, E.F. et al., "Supercritical Water Oxidation Research and Development Update," Environmental Progress, Vol. 14, No. 3. Pp. 182-192, August 1995.			
	EI	Gallagher-Wetmore, P. et al., "Supercritical Fluid Processing: A New Dry Technique for Photoresist Developing," SPIE Vol. 2438, pp.694-708, Jun. 1995.			
	EJ	Gabor, A. H. et al., "Silicon-Containing Block Copolymer Resist Materials," Microelectronics Technology - Polymers for Advanced Imaging and Packaging, ACS Symposium Series, Vol. 614, pp. 281-298, April 1995.			
	EK	Tsiartas, P.C. et al., "Effect of Molecular weight Distribution on the Dissolution Properties of Novolac Blends," SPIE, Vol. 2438, pp. 264-271, June 1995.			
	EL	Allen, R.D. et al., "Performance Properties of Near-monodisperse Novolac Resins," SPIE, Vol. 2438, pp. 250-260, June 1995.			
	EM	Wood, P.T. et al., "Synthesis of New Channeled Structures in Supercritical Amines...," Inorg. Chem., Vol. 33, pp. 1556-1558, 1994.			
	EN	Jerome, J.E. et al., "Synthesis of New Low-Dimensional Quaternary Compounds...," Inorg. Chem, Vol. 33, pp. 1733-1734, 1994.			
	EO	McHardy, J. et al., "Progress in Supercritical CO <sub>2</sub> Cleaning," SAMPE Jour., Vol. 29, No. 5, pp. 20-27, September 1993.			
	EP	Purtell, R. et al., "Precision Parts Cleaning using Supercritical Fluids," J. Vac. Sci, Technol. A. Vol. 11, No. 4, July 1993, pp. 1696-1701.			
	EQ	Bok, E. et al., "Supercritical Fluids for Single Wafer Cleaning," Solid State Technology, pp. 117-120, June 1992.			
	ER	Adschiri, T. et al., "Rapid and Continuous Hydrothermal Crystallization of Metal Oxide Particles in Supercritical Water," J. Am. Ceram. Soc., Vol. 75, No. 4, pp. 1019-1022, 1992.			
	ES	Hansen, B.N. et al., "Supercritical Fluid Transport - Chemical Deposition of Films," Chem. Mater., Vol. 4, No. 4, pp. 749-752, 1992.			
	ET	Page, S.H. et al., "Predictability and Effect of Phase Behavior of CO <sub>2</sub> / Propylene Carbonate in Supercritical Fluid Chromatography," J. Microcol, Vol 3, No. 4, pp. 355-369, 1991.			
	EU	Brokamp, T. et al., "Synthese und Kristallstruktur Eines Gemischtvalenten Lithium-Tantalnitrids Li <sub>2</sub> Ta <sub>3</sub> N <sub>5</sub> ," J. Alloys and Compounds, Vol. 176. pp. 47-60, 1991.			
	EV	Hybertson, B.M. et al., "Deposition of Palladium Films by a Novel Supercritical Fluid Transport Chemical Deposition Process," Mat. Res. Bull., Vol. 26, pp. 1127-1133, 1991.			
	EW	Ziger, D. H. et al., "Compressed Fluid Technology: Application to RIE-Developed Resists," AiChE Jour., Vol. 33, No. 10, pp. 1585- 1591, October 1987.			
	EX	Matson, D.W. et al., "Rapid Expansion of Supercritical Fluid Solutions: Solute Formation of Powders, Thin Films, and Fibers," Ind. Eng. Chem. Res., Vol. 26, No. 11, pp. 2298-2306, 1987.			
Examiner			Date Considered:		
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

FORM PTO-1449  
(Modified)

U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket No.: SSI-08500

Serial No.: 10/630,649

**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**  
(Use Several Sheets If Necessary)

Applicant: William Dale Jones

Filing Date: July 29, 2003

Group Art Unit: 3746

(37 CFR § 1.98(b))

**OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)**

EY	Tolley, W.K. et al., "Stripping Organics from Metal and Mineral Surfaces using Supercritical Fluids," Separation Science and Technology, Vol. 22, pp. 1087-1101, 1987.
EZ	"Final Report on the Safety Assessment of Propylene Carbonate", J. American College of Toxicology, Vol. 6, No. 1, pp. 23-51, 1987.
FA	"Porous Xerogel Films as Ultra-Low Permittivity Dielectrics for ULSI Interconnect Applications", Materials Research Society, pp. 463-469, 1997.
FB	Kawakami et al, "A Super Low-k (k=1.1) Silica Aerogel Film Using Supercritical Drying Technique ", IEEE, pp. 143-145, 2000.
FC	R.F. Reidy, "Effects of Supercritical Processing on Ultra Low-K Films", Texas Advanced Technology Program, Texas Instruments, and the Texas Academy of Mathematics and Science.
FD	Anthony Muscat, "Backend Processing Using Supercritical CO2", University of Arizona.
FE	D. Goldfarb et al., "Aqueous-based Photoresist Drying Using Supercritical Carbon Dioxide to Prevent Pattern Collapse", J. Vacuum Sci. Tech. B 18 (6), 3313 (2000).
FF	H. Namatsu et al., "Supercritical Drying for Water-Rinsed Resist Systems", J. Vacuum Sci. Tech. B 18 (6), 3308 (2000).
FG	N. Sundararajan et al., "Supercritical CO2 Processing for Submicron Imaging of Fluoropolymers", Chem. Mater. 12, 41 (2000).
FH	Hideaki Itakura et al., "Multi-Chamber Dry Etching System", Solid State Technology, April 1982, pp. 209-214.
FI	Joseph L. Foszcz, "Diaphragm Pumps Eliminate Seal Problems", Plant Engineering , pp. 1-5, February 1, 1996.
FJ	Bob Agnew, "WILDEN Air-Operated Diaphragm Pumps", Process & Industrial Training Technologies, Inc., 1996.
FK	
FL	
FM	
FN	
FO	
FP	
FQ	
FR	
FS	
FT	
FU	
FV	
FW	
FX	
FY	
FZ	
GA	
GB	
GC	
GD	
GE	
GF	
GG	

Examiner:

Date Considered:

**EXAMINER:** Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

UNITED STATES PATENT AND TRADEMARK OFFICE  
ACKNOWLEDGEMENT RECEIPT

Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention	CONTROL OF FLUID FLOW IN THE PROCESSING OF AN OBJECT WITH A FLUID										
Submission Type:	Information Disclosure Statement										
Application Number:	10/630649	*10/630649*									
EFS ID:	53480										
Server Response:	<table border="1"><thead><tr><th>Confirmation Code</th><th>Message</th></tr></thead><tbody><tr><td>ISVR1</td><td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td></tr><tr><td>ICON1</td><td>8266</td></tr><tr><td>ISYS5</td><td>Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.</td></tr></tbody></table>			Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	8266	ISYS5	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.
Confirmation Code	Message										
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application										
ICON1	8266										
ISYS5	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.										
First Named Applicant:	William Jones										
Attorney Docket Number:											
Timestamp:	2004-01-12 12:28:02 EDT										
From:	us										
File Listing:											

file://G:\IDS-E-Filed\SSI08500%20NDS%20CON\SSI08500A\SSI08500A-xmre.xml

1/12/2004

Acknowledgement Receipt

Page 2 of 2

Doc. Name	File Name	Size (Bytes)
us-ids	SSI08500A-usidst.xml	10254
us-ids	us-ids.dtd	7763
us-ids	us-ids.xsl	12026
package-data	SSI08500A-pkda.xml	1746
package-data	package-data.dtd	27025
package-data	us-package-data.xsl	19263
Total files size		78077

Message Digest: ecd1b786cd8c72540f8f124ffb72411679ab5b8e

Digital Certificate Holder Name: cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US

file://G:\IDS-E-Filed\SSI08500%20NDS%20CON\SSI08500A\SSI08500A-xmre.xml

1/12/2004



TRANSMITTAL							
Electronic Version v1.1 Stylesheet Version v1.1.0							
<b>Title of Invention</b>	<b>CONTROL OF FLUID FLOW IN THE PROCESSING OF AN OBJECT WITH A FLUID</b>						
Application Number:	10/630649 *10/630649*						
Date:	2003-07-29						
First Named Applicant:	William Dale Jones						
Confirmation Number:	8266						
Attorney Docket Number:							
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>							
<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Thomas B. Haverstock Registered Number: 32571</td><td>/tbh/</td><td>Attorney</td></tr></tbody></table>		Submitted by:	Elec. Sign.	Sign. Capacity	Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney
Submitted by:	Elec. Sign.	Sign. Capacity					
Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney					

Documents being submitted	Files
us-ids	SSI08500A-usidst.xml us-ids.dtd us-ids.xsl
Comments	

## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	CONTROL OF FLUID FLOW IN THE PROCESSING OF AN OBJECT WITH A FLUID						
Application Number:	10/630649	*10/630649*					
Confirmation Number:	8266						
First Named Applicant:	William Jones						
Attorney Docket Number:							
Search string:	( 2439689 or 2617719 or 2625886 or 3744660 or 3890176 or 3900551 or 3968885 or 4029517 or 4091643 or 4219333 or 4245154 or 4341592 or 4349415 or 4355937 or 4367140 or 4406596 or 4422651 or 4474199 or 4475993 or 4522788 or 4549467 or 4592306 or 4601181 or 4626509 or 4670126 or 4682937 or 4693777 or 4749440 or 4778356 or 4788043 or 4789077 or 4823976 or 4825808 or 4827867 or 4838476 or 4865061 or 4877530 or 4879004 or 4879431 or 4917556 or 4923828 or 4924892 or 4925790 or 4933404 or 4944837 or 4951601 or 4960140 or 4983223 or 5011542 or 5013366 ).pn.						
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	2439689	1948-04-13	Hyde et al.			
	2	2617719	1952-11-11	C. R. Stewart			
	3	2625886	1953-01-20	Browne			
	4	3744660	1973-07-10	Gaines et al.			
	5	3890176	1975-06-17	Bolon			
	6	3900551	1975-08-19	Bardocelli et al.			
	7	3968885	1976-07-13	Hassan et al.			

8	4029517	1977-06-14	Rand
9	4091643	1978-05-30	Zucchini
10	4219333	1980-08-26	Harris
11	4245154	1981-01-13	Uehara et al.
12	4341592	1982-07-27	Shortes et al.
13	4349415	1982-09-14	DeFilippi et al.
14	4355937	1982-10-26	Mack et al.
15	4367140	1983-01-04	Wilson
16	4406596	1983-09-27	Budde
17	4422651	1983-12-27	Platts
18	4474199	1984-10-02	Blaudszun
19	4475993	1984-10-09	Blander et al.
20	4522788	1985-06-11	Sitek et al.
21	4549467	1985-10-29	Wilden et al.
22	4592306	1986-06-03	Galleo
23	4601181	1986-07-22	Privat
24	4626509	1986-12-02	Lyman
25	4670126	1987-06-02	Messer et al.
26	4682937	1987-07-28	Credle, Jr.
27	4693777	1987-09-15	Hazano et al.
28	4749440	1988-06-07	Blackwood et al.
29	4778356	1988-10-18	Hicks
30	4788043	1988-11-29	Kagiyama et al.
31	4789077	1988-12-06	Noe
32	4823976	1989-04-25	White, III et al.
33	4825808	1989-05-02	Takahashi et al.
34	4827867	1989-05-09	Takel et al.
35	4838476	1989-06-13	Rahn
36	4865061	1989-09-12	Fowler et al.
37	4877530	1989-10-31	Moses
38	4879004	1989-11-07	Oesch et al.
39	4879431	1989-11-07	Bertoncini

file:///G:/IDS-E-Filed/SSI08500%20NDS%20CON/SSI08500A/SSI08500A-usidst.xml

1/12/2004

file:///G:/IDS-E-Filed/SSI08500%20NDS%20CON/SSI08500A/SSI08500A-usidst.xml

1/12/2004

40	4917556	1990-04-17	Stark et al.
41	4923828	1990-05-08	Cluck et al.
42	4924892	1990-05-15	Kiba et al.
43	4925790	1990-05-15	Blanch et al.
44	4933404	1990-06-12	Beckman et al.
45	4944837	1990-07-31	Nishikawa et al.
46	4951601	1990-08-28	Maydan et al.
47	4960140	1990-10-02	Ishijima et al.
48	4983223	1991-01-08	Gessner
49	5011542	1991-04-30	Weil
50	5013366	1991-05-07	Jackson et al.

Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal.  
The current electronic filing contains part 1 out of a total of 7 electronic filings.

Signature

Examiner Name	Date

file:///G:/IDS-E-Filed/SSI08500%20NDS%20CON/SSI08500A/SSI08500A-usidst.xml

1/12/2004

UNITED STATES PATENT AND TRADEMARK OFFICE  
ACKNOWLEDGEMENT RECEIPT

Electronic Version 1.1  
Sheet Version v1.1.1

<b>Title of Invention</b>	<b>CONTROL OF FLUID FLOW IN THE PROCESSING OF AN OBJECT WITH A FLUID</b>									
<b>Submission Type:</b>	Information Disclosure Statement									
<b>Application Number:</b>	10/630649	<b>*10/630649*</b>								
<b>EFS ID:</b>	53481									
<b>Server Response:</b>	<table border="1"> <thead> <tr> <th>Confirmation Code</th> <th>Message</th> </tr> </thead> <tbody> <tr> <td>ISVR1</td> <td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td> </tr> <tr> <td>ICON1</td> <td>8266</td> </tr> <tr> <td>ISYS5</td> <td>Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.</td> </tr> </tbody> </table>		Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	8266	ISYS5	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.
Confirmation Code	Message									
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application									
ICON1	8266									
ISYS5	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.									
<b>First Named Applicant:</b>	William Jones									
<b>Attorney Docket Number:</b>										
<b>Timestamp:</b>	2004-01-12 12:31:03 EDT									
<b>From:</b>	us									
<b>File Listing:</b>	<table border="1"> <tr> <td></td> <td></td> <td></td> </tr> </table>									

file://G:\IDS-E-Filed\SSI08500%20NDS%20CON\SSI08500B\SSI08500B-xmre.xml

1/12/2004

Acknowledgement Receipt

Page 2 of 2

Doc. Name	File Name	Size (Bytes)
us-ids	SSI08500B-usidst.xml	9448
us-ids	us-ids.dtd	7763
us-ids	us-ids.xsl	12026
package-data	SSI08500B-pkda.xml	1746
package-data	package-data.dtd	27025
package-data	us-package-data.xsl	19263
Total files size		77271

**Message Digest:** ec3d3276e6ae4f0a5a71a6faae49694ca27c86a1

**Digital Certificate Holder Name:** cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US

file://G:\IDS-E-Filed\SSI08500%20NDS%20CON\SSI08500B\SSI08500B-xmre.xml

1/12/2004

TRANSMITTAL	
Electronic Version v1.1 Stylesheet Version v1.1.0	
<b>Title of Invention</b>	<b>CONTROL OF FLUID FLOW IN THE PROCESSING OF AN OBJECT WITH A FLUID</b>
<b>Application Number:</b>	10/630649 *10/630649*
<b>Date:</b>	2003-07-29
<b>First Named Applicant:</b>	William Dale Jones
<b>Confirmation Number:</b>	8266
<b>Attorney Docket Number:</b>	
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>	
<b>Submitted by:</b>	<b>Elec. Sign.</b> <b>Sign. Capacity</b>
Thomas B. Haverstock Registered Number: 32571	/tbh/ Attorney

Documents being submitted	Files
us-ids	SSI08500B-usidst.xml us-ids.dtd us-ids.xsl
<b>Comments</b>	

## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v1.8

Stylesheet Version v1.8.0

Title of Invention	CONTROL OF FLUID FLOW IN THE PROCESSING OF AN OBJECT WITH A FLUID						
Application Number:	10/630649	*10/630649*					
Confirmation Number:	8266						
First Named Applicant:	William Jones						
Attorney Docket Number:							
Search string:	( 5044871 or 5062770 or 5068040 or 5071485 or 5105556 or 5143103 or 5158704 or 5167716 or 5169296 or 5169408 or 5174917 or 5185058 or 5185296 or 5186718 or 5188515 or 5190373 or 5191993 or 5193560 or 5195878 or 5196134 or 5201960 or 5213485 or 5213619 or 5215592 or 5217043 or 5221019 or 5222876 or 5224504 or 5225173 or 5236602 or 5236669 or 5237824 or 5238671 or 5240390 or 5243821 or 5246500 or 5250078 or 5251776 or 5261965 or 5266205 or 5267455 or 5269815 or 5269850 or 5274129 or 5280693 or 5285352 or 5288333 or 5290361 or 5294261 or 5298032 ).pn.						
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5044871	1991-09-03	Davis et al.			
	2	5062770	1991-11-05	Story et al.			
	3	5068040	1991-11-26	Jackson			
	4	5071485	1991-12-10	Matthews et al.			
	5	5105556	1992-04-21	Kurokawa et al.			
	6	5143103	1992-09-01	Basso et al.			
	7	5158704	1992-10-27	Fulton et al.			

8	5167716	1992-12-01	Boitnott et al.
9	5169296	1992-12-08	Wilden
10	5169408	1992-12-08	Biggerstaff et al.
11	5174917	1992-12-29	Monzyk
12	5185058	1993-02-09	Cathey, Jr.
13	5185296	1993-02-09	Morita et al.
14	5186718	1993-02-16	Tepman et al.
15	5188515	1993-02-23	Horn
16	5190373	1993-03-02	Dickson et al.
17	5191993	1993-03-09	Wanger et al.
18	5193560	1993-03-16	Tanaka et al.
19	5195878	1993-03-23	Sahlavo et al.
20	5196134	1993-03-23	Jackson
21	5201960	1993-04-13	Starov
22	5213485	1993-05-25	Wilden
23	5213619	1993-05-25	Jackson et al.
24	5215592	1993-06-01	Jackson
25	5217043	1993-06-08	Novakovi
26	5221019	1993-06-22	Pechacek
27	5222876	1993-06-29	Budde
28	5224504	1993-07-06	Thompson et al.
29	5225173	1993-07-06	Wai
30	5236602	1993-08-17	Jackson
31	5236669	1993-08-17	Simmons et al.
32	5237824	1993-08-24	Pawliszyn
33	5238671	1993-08-24	Matson et al.
34	5240390	1993-08-31	Kvinge et al.
35	5243821	1993-09-14	Schuck et al.
36	5246500	1993-09-21	Samata et al.
37	5250078	1993-10-05	Saus et al.
38	5251776	1993-10-12	Morgan Jr. et al.
39	5261965	1993-11-16	Moslehi

file:///G:/IDS-E-Filed/SSI08500%20NDS%20CON/SSI08500B/SSI08500B-usidst.xml

1/12/2004

file:///G:/IDS-E-Filed/SSI08500%20NDS%20CON/SSI08500B/SSI08500B-usidst.xml

1/12/2004

40	5266205	1993-11-30	Fulton et al.
41	5267455	1993-12-07	Deweese et al.
42	5269815	1993-12-14	Schlenker et al.
43	5269850	1993-12-14	Jackson
44	5274129	1993-12-28	Natale et al.
45	5280693	1994-01-25	Heudecker
46	5285352	1994-02-08	Pastore et al.
47	5288333	1994-02-22	Tanaka et al.
48	5290361	1994-03-01	Hayashida et al.
49	5294261	1994-03-15	McDermott et al.
50	5298032	1994-03-29	Schlenker et al.

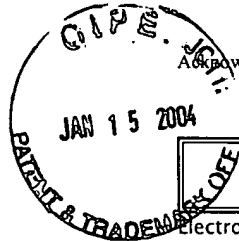
Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal.  
The current electronic filing contains part 2 out of a total of 7 electronic filings.

Signature

Examiner Name	Date

UNITED STATES PATENT AND TRADEMARK OFFICE  
ACKNOWLEDGEMENT RECEIPT

Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention	CONTROL OF FLUID FLOW IN THE PROCESSING OF AN OBJECT WITH A FLUID										
Submission Type:	Information Disclosure Statement										
Application Number:	10/630649	*10/630649*									
EFS ID:	53482										
Server Response:	<table border="1"><thead><tr><th>Confirmation Code</th><th>Message</th></tr></thead><tbody><tr><td>ISVR1</td><td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td></tr><tr><td>ICON1</td><td>8266</td></tr><tr><td>ISYS5</td><td>Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.</td></tr></tbody></table>			Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	8266	ISYS5	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.
Confirmation Code	Message										
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application										
ICON1	8266										
ISYS5	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.										
First Named Applicant:	William Jones										
Attorney Docket Number:											
Timestamp:	2004-01-12 12:34:14 EDT										
From:	us										
File Listing:	<table border="1"><tr><td></td><td></td><td></td></tr></table>										

file://G:\IDS-E-Filed\SSI08500%20NDS%20CON\SSI08500C\SSI08500C-xmre.xml

1/12/2004

Acknowledgement Receipt

Page 2 of 2

Doc. Name	File Name	Size (Bytes)
us-ids	SSI08500C-usidst.xml	9905
us-ids	us-ids.dtd	7763
us-ids	us-ids.xsl	12026
package-data	SSI08500C-pkda.xml	1746
package-data	package-data.dtd	27025
package-data	us-package-data.xsl	19263
Total files size		77728

Message Digest: e8f2f89eb8ad01abe763af9dffcb687136c221

Digital Certificate Holder Name: cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US

TRANSMITTAL							
Electronic Version v1.1 Stylesheet Version v1.1.0							
<b>Title of Invention</b>	<b>CONTROL OF FLUID FLOW IN THE PROCESSING OF AN OBJECT WITH A FLUID</b>						
Application Number:	10/630649 *10/630649*						
Date:	2003-07-29						
First Named Applicant:	William Dale Jones						
Confirmation Number:	8266						
Attorney Docket Number:							
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>							
<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Thomas B. Haverstock Registered Number: 32571</td><td>/tbh/</td><td>Attorney</td></tr></tbody></table>		Submitted by:	Elec. Sign.	Sign. Capacity	Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney
Submitted by:	Elec. Sign.	Sign. Capacity					
Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney					

Documents being submitted	Files
us-ids	SSI08500C-usidst.xml
	us-ids.dtd
	us-ids.xsl
<b>Comments</b>	

## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v1.8

Stylesheet Version v1.8.0

Title of Invention	CONTROL OF FLUID FLOW IN THE PROCESSING OF AN OBJECT WITH A FLUID						
Application Number:	10/630649						*10/630649*
Confirmation Number:	8266						
First Named Applicant:	William Jones						
Attorney Docket Number:							
Search string:	( 5304515 or 5306350 or 5312882 or 5313965 or 5314574 or 5316591 or 5320742 or 5328722 or 5334332 or 5334493 or 5337446 or 5339844 or 5352327 or 5355901 or 5356538 or 5364497 or 5368171 or 5370740 or 5370741 or 5370742 or 5377705 or 5401322 or 5403621 or 5403665 or 5404894 or 5412958 or 5417768 or 5433334 or 5447294 or 5456759 or 5470393 or 5474812 or 5482564 or 5486212 or 5494526 or 5500081 or 5501761 or 5503176 or 5505219 or 5509431 or 5514220 or 5522938 or 5526834 or 5533538 or 5547774 or 5550211 or 5571330 or 5580846 or 5589082 or 5589105 ),pn.						
<b>US Patent Documents</b>							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5304515	1994-04-19	Morita et al.			
	2	5306350	1994-04-26	Hoy et al.			
	3	5312882	1994-05-17	DeSimone et al.			
	4	5313965	1994-05-24	Palen			
	5	5314574	1994-05-24	Takahashi			
	6	5316591	1994-05-31	Chao et al.			
	7	5320742	1994-06-14	Fletcher et al.			

8	5328722	1994-07-12	Ghanayem et al.
9	5334332	1994-08-02	Lee
10	5334493	1994-08-02	Fujita et al.
11	5337446	1994-08-16	Smith et al.
12	5339844	1994-08-23	Stanford Jr. et al.
13	5352327	1994-10-04	Witowski
14	5355901	1994-10-18	Mielnik et al.
15	5356538	1994-10-18	Wai et al.
16	5364497	1994-11-15	Chau et al.
17	5368171	1994-11-29	Jackson
18	5370740	1994-12-06	Chao et al.
19	5370741	1994-12-06	Bergman
20	5370742	1994-12-06	Mitchell et al.
21	5377705	1995-01-03	Smith, Jr. et al.
22	5401322	1995-03-28	Marshall
23	5403621	1995-04-04	Jackson et al.
24	5403665	1995-04-04	Alley et al.
25	5404894	1995-04-11	Shirahwa
26	5412958	1995-05-09	Iliff et al.
27	5417768	1995-05-23	Smith, Jr. et al.
28	5433334	1995-07-18	Reneau
29	5447294	1995-09-05	Sakata et al.
30	5456759	1995-10-10	Stanford, Jr. et al.
31	5470393	1995-11-28	Fukazawa
32	5474812	1995-12-12	Truckenmuller et al.
33	5482564	1996-01-09	Douglas et al.
34	5486212	1996-01-23	Mitchell et al.
35	5494526	1996-02-27	Paranjpe
36	5500081	1996-03-19	Bergman
37	5501761	1996-03-26	Evans et al.
38	5503176	1996-04-02	Dunmire et al.
39	5505219	1996-04-09	Lansberry et al.

file:///G:/IDS-E-Filed/SSI08500%20NDS%20CON/SSI08500C/SSI08500C-usidst.xml

1/12/2004

file:///G:/IDS-E-Filed/SSI08500%20NDS%20CON/SSI08500C/SSI08500C-usidst.xml

1/12/2004

40	5509431	1996-04-23	Smith, Jr. et al.
41	5514220	1996-05-07	Wetmore et al.
42	5522938	1996-06-04	O'Brien
43	5526834	1996-06-18	Mielnik et al.
44	5533538	1996-07-09	Marshall
45	5547774	1996-08-20	Gimzewski et al.
46	5550211	1996-08-27	DeCrosta et al.
47	5571330	1996-11-05	Kyogoku
48	5580846	1996-12-03	Hayashida et al.
49	5589082	1996-12-31	Lin et al.
50	5589105	1996-12-31	DeSimone et al.

**Remarks**

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal.  
The current electronic filing contains part 3 out of a total of 7 electronic filings.

**Signature**

Examiner Name	Date



JAN 15 2004

UNITED STATES PATENT AND TRADEMARK OFFICE  
ACKNOWLEDGEMENT RECEIPT

Electronic Version 1.1

Worksheet Version v1.1.1

<b>Title of Invention</b>	CONTROL OF FLUID FLOW IN THE PROCESSING OF AN OBJECT WITH A FLUID									
<b>Submission Type:</b>	Information Disclosure Statement									
<b>Application Number:</b>	10/630649	*10/630649*								
<b>EFS ID:</b>	53483									
<b>Server Response:</b>	<table border="1"> <thead> <tr> <th>Confirmation Code</th> <th>Message</th> </tr> </thead> <tbody> <tr> <td>ISVR1</td> <td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td> </tr> <tr> <td>ICON1</td> <td>8266</td> </tr> <tr> <td>ISYS5</td> <td>Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.</td> </tr> </tbody> </table>		Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	8266	ISYS5	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.
Confirmation Code	Message									
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application									
ICON1	8266									
ISYS5	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.									
<b>First Named Applicant:</b>	William Jones									
<b>Attorney Docket Number:</b>										
<b>Timestamp:</b>	2004-01-12 12:37:34 EDT									
<b>From:</b>	us									
<b>File Listing:</b>	<table border="1"> <tr> <td></td> <td></td> <td></td> </tr> </table>									

file://G:\IDS-E-Filed\SSI08500%20NDS%20CON\SSI08500D\SSI08500D-xmre.xml

1/12/2004

Acknowledgement Receipt

Page 2 of 2

Doc. Name	File Name	Size (Bytes)
us-ids	SSI08500D-usidst.xml	9507
us-ids	us-ids.dtd	7763
us-ids	us-ids.xsl	12026
package-data	SSI08500D-pkda.xml	1746
package-data	package-data.dtd	27025
package-data	us-package-data.xsl	19263
Total files size		77330

**Message Digest:** c7c69346256f0a151fbd39a64b02acd4bbd6cff6  
**Digital Certificate Holder Name:** cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US

TRANSMITTAL							
Electronic Version v1.1 Stylesheet Version v1.1.0							
<b>Title of Invention</b>	<b>CONTROL OF FLUID FLOW IN THE PROCESSING OF AN OBJECT WITH A FLUID</b>						
Application Number:	10/630649 *10/630649*						
Date:	2003-07-29						
First Named Applicant:	William Dale Jones						
Confirmation Number:	8266						
Attorney Docket Number:							
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>							
<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Thomas B. Haverstock Registered Number: 32571</td><td>/tbh/</td><td>Attorney</td></tr></tbody></table>		Submitted by:	Elec. Sign.	Sign. Capacity	Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney
Submitted by:	Elec. Sign.	Sign. Capacity					
Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney					

Documents being submitted	Files
us-ids	SSI08500D-usidst.xml us-ids.dtd us-ids.xsl
Comments	

## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v1.8

Stylesheet Version v1.8.0

Title of Invention	CONTROL OF FLUID FLOW IN THE PROCESSING OF AN OBJECT WITH A FLUID						
Application Number:	10/630649 *10/630649*						
Confirmation Number:	8266						
First Named Applicant:	William Jones						
Attorney Docket Number:							
Search string:	( 5589224 or 5621982 or 5629918 or 5632847 or 5635463 or 5637151 or 5641887 or 5644855 or 5649809 or 5656097 or 5665527 or 5669251 or 5676705 or 5679169 or 5679171 or 5683473 or 5683977 or 5688879 or 5700379 or 5702228 or 5706319 or 5714299 or 5725987 or 5726211 or 5730874 or 5736425 or 5739223 or 5746008 or 5766367 or 5783082 or 5797719 or 5798126 or 5798438 or 5804607 or 5807607 or 5847443 or 5866005 or 5868856 or 5868862 or 5872061 or 5872257 or 5873948 or 5881577 or 5882165 or 5888050 or 5893756 or 5896870 or 5898727 or 5900107 or 5900354 ),pn.						
<b>US Patent Documents</b>							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5589224	1996-12-31	Tepman et al.			
	2	5621982	1997-04-22	Yamashita et al.			
	3	5629918	1997-05-13	Ho et al.			
	4	5632847	1997-05-27	Ohno et al.			
	5	5635463	1997-06-03	Muraoka			
	6	5637151	1997-06-10	Schulz			
	7	5641887	1997-06-24	Beckman et al.			

file:///G:/IDS-E-Filed/SSI08500%20NDS%20CON/SSI08500D/SSI08500D-usidst.xml

1/12/2004

8	5644855	1997-07-08	McDermott et al.
9	5649809	1997-07-22	Stapelfeldt
10	5656097	1997-08-12	Olesen et al.
11	5665527	1997-09-09	Allen et al.
12	5669251	1997-09-23	Townsend et al.
13	5676705	1997-10-14	Jureller et al.
14	5679169	1997-10-21	Gonzales et al.
15	5679171	1997-10-21	Saga et al.
16	5683473	1997-11-04	Jureller et al.
17	5683977	1997-11-04	Jureller et al.
18	5688879	1997-11-18	DeSimone
19	5700379	1997-12-23	Biebl
20	5702228	1997-12-30	Tamal et al.
21	5706319	1998-01-06	Holtz
22	5714299	1998-02-03	Combes et al.
23	5725987	1998-03-10	Combes et al.
24	5726211	1998-03-10	Hedrick et al.
25	5730874	1998-03-24	Wal et al.
26	5736425	1998-04-07	Smith et al.
27	5739223	1998-04-14	DeSimone
28	5746008	1998-05-05	Yamashita et al.
29	5766367	1998-06-16	Smith et al.
30	5783082	1998-07-21	DeSimone et al.
31	5797719	1998-08-25	James et al.
32	5798126	1998-08-25	Fujikawa et al.
33	5798438	1998-08-25	Sawan et al.
34	5804607	1998-09-08	Hedrick et al.
35	5807607	1998-09-15	Smith et al.
36	5847443	1998-12-08	Cho et al.
37	5866005	1999-02-02	DeSimone et al.
38	5868856	1999-02-09	Douglas et al.
39	5868862	1999-02-09	Douglas et al.

file:///G:/IDS-E-Filed/SSI08500%20NDS%20CON/SSI08500D/SSI08500D-usidst.xml

1/12/2004

Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	40	5872061	1999-02-16	Lee et al.			
	41	5872257	1999-02-16	Beckman et al.			
	42	5873948	1999-02-23	Kim			
	43	5881577	1999-03-16	Sauer et al.			
	44	5882165	1999-03-16	Maydan et al.			
	45	5888050	1999-03-30	Fitzgerald et al.			
	46	5893756	1999-04-13	Berman et al.			
	47	5896870	1999-04-27	Huynh et al.			
	48	5898727	1999-04-27	Fujikawa et al.			
	49	5900107	1999-05-04	Murphy et al.			
	50	5900354	1999-05-04	Batchelder			

**Remarks**

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal.  
The current electronic filing contains part 4 out of a total of 7 electronic filings.

**Signature**

Examiner Name	Date

file:///G:/IDS-E-Filed/SSI08500%20NDS%20CON/SSI08500D/SSI08500D-usidst.xml

1/12/2004

UNITED STATES PATENT AND TRADEMARK OFFICE  
ACKNOWLEDGEMENT RECEIPTElectronic Version 1.1  
Stylesheet Version v1.1.1

Title of Invention	CONTROL OF FLUID FLOW IN THE PROCESSING OF AN OBJECT WITH A FLUID									
Submission Type:	Information Disclosure Statement									
Application Number:	10/630649	*10/630649*								
EFS ID:	53484									
Server Response:	<table border="1"><thead><tr><th>Confirmation Code</th><th>Message</th></tr></thead><tbody><tr><td>ISVR1</td><td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td></tr><tr><td>ICON1</td><td>8266</td></tr><tr><td>ISYS5</td><td>Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.</td></tr></tbody></table>		Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	8266	ISYS5	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.
Confirmation Code	Message									
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application									
ICON1	8266									
ISYS5	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.									
First Named Applicant:	William Jones									
Attorney Docket Number:										
Timestamp:	2004-01-12 12:39:40 EDT									
From:	us									
File Listing:	<table border="1"><tr><td></td><td></td><td></td></tr></table>									

file://G:\IDS-E-Filed\SSI08500%20NDS%20CON\SSI08500E\SSI08500E-xmre.xml

1/12/2004

Acknowledgement Receipt

Page 2 of 2

Doc. Name	File Name	Size (Bytes)
us-ids	SSI08500E-usidst.xml	10187
us-ids	us-ids.dtd	7763
us-ids	us-ids.xsl	12026
package-data	SSI08500E-pkda.xml	1746
package-data	package-data.dtd	27025
package-data	us-package-data.xsl	19263
Total files size		78010

Message Digest: cdd0b5ac436d2d76eccc13d571f301a08ea89770

Digital Certificate Holder Name: cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US

file://G:\IDS-E-Filed\SSI08500%20NDS%20CON\SSI08500E\SSI08500E-xmre.xml

1/12/2004

TRANSMITTAL							
Electronic Version v1.1 Stylesheet Version v1.1.0							
<b>Title of Invention</b>	<b>CONTROL OF FLUID FLOW IN THE PROCESSING OF AN OBJECT WITH A FLUID</b>						
Application Number:	10/630649 *10/630649*						
Date:	2003-07-29						
First Named Applicant:	William Dale Jones						
Confirmation Number:	8266						
Attorney Docket Number:							
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>							
<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Thomas B. Haverstock Registered Number: 32571</td><td>/tbh/</td><td>Attorney</td></tr></tbody></table>		Submitted by:	Elec. Sign.	Sign. Capacity	Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney
Submitted by:	Elec. Sign.	Sign. Capacity					
Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney					

Documents being submitted	Files
us-ids	SS108500E-usidst.xml us-ids.dtd us-ids.xsl
Comments	

## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v1.8

Stylesheet Version v1.8.0

Title of Invention	CONTROL OF FLUID FLOW IN THE PROCESSING OF AN OBJECT WITH A FLUID						
Application Number:	10/630649	*10/630649*					
Confirmation Number:	8266						
First Named Applicant:	William Jones						
Attorney Docket Number:							
Search string:	( 5904737 or 5908510 or 5928389 or 5932100 or 5934856 or 5934991 or 5944996 or 5955140 or 5965025 or 5976264 or 5979306 or 5980648 or 5981399 or 5989342 or 5992680 or 5994696 or 6001133 or 6005226 or 6017820 or 6024801 or 6029371 or 6035871 or 6037277 or 6053348 or 6056008 or 6063714 or 6067728 or 6077053 or 6077321 or 6082150 or 6085935 or 6097015 or 6099619 or 6100198 or 6110232 or 6114044 or 6128830 or 6140252 or 6145519 or 6149828 or 6159295 or 6164297 or 6171645 or 6186722 or 6200943 or 6203582 or 6216364 or 6224774 or 6228563 or 6228826 ).pn.						
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5904737	1999-05-18	Preston et al.			
	2	5908510	1999-06-01	McCullough et al.			
	3	5928389	1999-07-27	Jevtic			
	4	5932100	1999-08-03	Yager et al.			
	5	5934856	1999-08-10	Asakawa et al.			
	6	5934991	1999-08-10	Rush			
	7	5944996	1999-08-31	DeSimone et al.			

8	5955140	1999-09-21	Smith et al.
9	5965025	1999-10-12	Wal et al.
10	5976264	1999-11-02	McCullough et al.
11	5979306	1999-11-09	Fujikawa et al.
12	5980648	1999-11-09	Adler
13	5981399	1999-11-09	Kawamura et al.
14	5989342	1999-11-23	Ikeda et al.
15	5992680	1999-11-30	Smith
16	5994696	1999-11-30	Tai et al.
17	6001133	1999-12-14	DeYoung et al.
18	6005226	1999-12-21	Aschner et al.
19	6017820	2000-01-25	Ting et al.
20	6024801	2000-02-15	Wallace et al.
21	6029371	2000-02-29	Kamikawa et al.
22	6035871	2000-03-14	Eul-Yeol
23	6037277	2000-03-14	Masakara et al.
24	6053348	2000-04-25	Morch
25	6056008	2000-05-02	Adams et al.
26	6063714	2000-05-16	Smith et al.
27	6067728	2000-05-30	Farmer et al.
28	6077053	2000-06-20	Fujikawa et al.
29	6077321	2000-06-20	Adachi et al.
30	6082150	2000-07-04	Stucker
31	6085935	2000-07-11	Malchow et al.
32	6097015	2000-08-01	McCullough et al.
33	6099619	2000-08-08	Lansbarkis et al.
34	6100198	2000-08-08	Crieger et al.
35	6110232	2000-08-29	Chen et al.
36	6114044	2000-09-05	Houston et al.
37	6128830	2000-10-10	Bettcher et al.
38	6140252	2000-10-31	Cho et al.
39	6145519	2000-11-14	Konishi et al.

file:///G:/VIDS-E-Filed/SSI08500%20NDS%20CON/SSI08500E/SSI08500E-usidst.xml

1/12/2004

file:///G:/VIDS-E-Filed/SSI08500%20NDS%20CON/SSI08500E/SSI08500E-usidst.xml

1/12/2004

Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	40	6149828	2000-11-21	Vaartstra			
	41	6159295	2000-12-12	Maskara et al.			
	42	6164297	2000-12-26	Kamikawa			
	43	6171645	2001-01-09	Smith et al.			B1
	44	6186722	2001-02-13	Shirai			B1
	45	6200943	2001-03-13	Romack et al.			B1
	46	6203582	2001-03-20	Berner et al.			B1
	47	6216364	2001-04-17	Tanaka et al.			B1
	48	6224774	2001-05-01	DeSimone et al.			B1
	49	6228563	2001-05-08	Starov et al.			B1
	50	6228826	2001-05-08	DeYoung et al.			B1

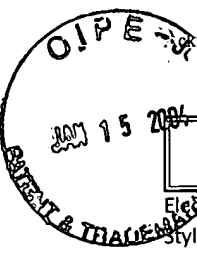
Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current electronic filing contains part 5 out of a total of 7 electronic filings.

Signature

Examiner Name	Date

UNITED STATES PATENT AND TRADEMARK OFFICE  
ACKNOWLEDGEMENT RECEIPTElectronic Version 1.1  
Stylesheet Version v1.1.1

Title of Invention	CONTROL OF FLUID FLOW IN THE PROCESSING OF AN OBJECT WITH A FLUID										
Submission Type:	Information Disclosure Statement										
Application Number:	10/630649	*10/630649*									
EFS ID:	53486										
Server Response:	<table border="1"><thead><tr><th>Confirmation Code</th><th>Message</th></tr></thead><tbody><tr><td>ISVR1</td><td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td></tr><tr><td>ICON1</td><td>8266</td></tr><tr><td>ISYS5</td><td>Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.</td></tr></tbody></table>			Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	8266	ISYS5	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.
Confirmation Code	Message										
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application										
ICON1	8266										
ISYS5	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.										
First Named Applicant:	William Jones										
Attorney Docket Number:											
Timestamp:	2004-01-12 12:42:18 EDT										
From:	us										
File Listing:	<table border="1"><tr><td></td><td></td><td></td></tr></table>										

file://G:\IDS-E-Filed\SSI08500%20NDS%20CON\SSI08500F\SSI08500F-xmre.xml

1/12/2004

Acknowledgement Receipt

Page 2 of 2

Doc. Name	File Name	Size (Bytes)
us-ids	SSI08500F-usidst.xml	12253
us-ids	us-ids.dtd	7763
us-ids	us-ids.xsl	12026
package-data	SSI08500F-pkda.xml	1746
package-data	package-data.dtd	27025
package-data	us-package-data.xsl	19263
Total files size		80076

Message Digest: e2ec9ed7c60a6fd15e0e2faf3348932a0c76ef47

Digital Certificate Holder Name: cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US

TRANSMITTAL							
Electronic Version v1.1 Stylesheet Version v1.1.0							
<b>Title of Invention</b>	<b>CONTROL OF FLUID FLOW IN THE PROCESSING OF AN OBJECT WITH A FLUID</b>						
Application Number:	10/630649 *10/630649*						
Date:	2003-07-29						
First Named Applicant:	William Dale Jones						
Confirmation Number:	8266						
Attorney Docket Number:							
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>							
<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Thomas B. Haverstock Registered Number: 32571</td><td>/tbh/</td><td>Attorney</td></tr></tbody></table>		Submitted by:	Elec. Sign.	Sign. Capacity	Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney
Submitted by:	Elec. Sign.	Sign. Capacity					
Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney					

Documents being submitted	Files
us-ids	SSI08500F-usidst.xml us-ids.dtd us-ids.xsl
Comments	



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	CONTROL OF FLUID FLOW IN THE PROCESSING OF AN OBJECT WITH A FLUID						
Application Number:	10/630649						
Confirmation Number:	8266						
First Named Applicant:	William Jones						
Attorney Docket Number:							
Search string:	(6232238 or 6232417 or 6235634 or 6239038 or 6241825 or 6242165 or 6244121 or 6251250 or 6255732 or 6270531 or 6270948 or 6277753 or 6284558 or 6286231 or 6305677 or 6306564 or 6319858 or 6331487 or 6334266 or 6344174 or 6344243 or 6358673 or 6361696 or 6367491 or 6380105 or 6388317 or 6389677 or 6418956 or 6425956 or 6436824 or 6454945 or 6458494 or 6461967 or 6464790 or 6485895 or 6486078 or 6486282 or 6492090 or 6500605 or 6521466 or 6541278 or 6546946 or 6550484 or 6558475 or 6561213 or 6561220 or 6561481 or 6561767 or 6562146 or 6564826 ).pn.						
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	6232238	2001-05-15	Chang et al.	B1		
	2	6232417	2001-05-15	Rhodes et al.	B1		
	3	6235634	2001-05-22	White et al.	B1		
	4	6239038	2001-05-29	Wen	B1		
	5	6241825	2001-06-05	Wytman	B1		
	6	6242165	2001-06-05	Vaartstra	B1		
	7	6244121	2001-06-12	Hunter	B1		

file:///G:/IDS-E-Filed/SSI08500%20NDS%20CON/SSI08500F/SSI08500F-usidst.xml

1/12/2004

8	6251250	2001-06-26	Keigler	B1
9	6255732	2001-07-03	Yokoyama et al.	B1
10	6270531	2001-08-07	DeYoung et al.	B1
11	6270948	2001-08-07	Sato et al.	B1
12	6277753	2001-08-21	Mullee et al.	B1
13	6284558	2001-09-04	Sakamoto	B1
14	6286231	2001-09-11	Bergman et al.	B1
15	6305677	2001-10-23	Lenz	B1
16	6306564	2001-10-23	Mullee	B1
17	6319858	2001-11-20	Lee et al.	B1
18	6331487	2001-12-18	Koch	B1
19	6334266	2002-01-01	Moritz et al.	B1
20	6344174	2002-02-05	Miller et al.	B1
21	6344243	2002-02-05	McClain et al.	B1
22	6358673	2002-03-19	Namatsu	B1
23	6361696	2002-03-26	Spiegelman et al.	B1
24	6367491	2002-04-09	Marshall et al.	B1
25	6380105	2002-04-30	Smith et al.	B1
26	6388317	2002-05-14	Reese	B1
27	6389677	2002-05-21	Lenz	B1
28	6418956	2002-07-16	Bloom	B1
29	6425956	2002-07-30	Cotte et al.	B1
30	6436824	2002-08-20	Chooi et al.	B1
31	6454945	2002-09-24	Weigl et al.	B1
32	6458494	2002-10-01	Song et al.	B1
33	6461967	2002-10-08	Wu et al.	B1
34	6464790	2002-10-15	Shertinsky et al.	B1
35	6485895	2002-11-26	Choi et al.	B1
36	6486078	2002-11-26	Rangarajan et al.	B1
37	6486282	2002-11-26	Dammel et al.	B1
38	6492090	2002-12-10	Nishi et al.	B1
39	6500605	2002-12-31	Mullee et al.	B1

file:///G:/IDS-E-Filed/SSI08500%20NDS%20CON/SSI08500F/SSI08500F-usidst.xml

1/12/2004

Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	40	6521466	2002-02-18	Castrucci	B1		
	41	6541278	2003-04-01	Morita et al.	B1		
	42	6546946	2003-04-15	Dunmire	B1		
	43	6550484	2003-04-22	Gopinath et al.	B1		
	44	6558475	2003-05-06	Jur et al.	B1		
	45	6561213	2003-05-13	Wang et al.	B1		
	46	6561220	2003-05-13	McCullough et al.	B1		
	47	6561481	2003-05-13	Filonczuk	B1		
	48	6561767	2003-05-13	Biberger et al.	B1		
	49	6562146	2003-05-13	DeYoung et al.	B1		
	50	6564826	2003-05-20	Shen	B1		

Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal.  
The current electronic filing contains part 6 out of a total of 7 electronic filings.

Signature

Examiner Name	Date

**UNITED STATES PATENT AND TRADEMARK OFFICE  
ACKNOWLEDGEMENT RECEIPT**

Electronic Version 1.1

Worksheet Version v1.1.1

<b>Title of Invention</b>	<b>CONTROL OF FLUID FLOW IN THE PROCESSING OF AN OBJECT WITH A FLUID</b>									
<b>Submission Type:</b>	Information Disclosure Statement									
<b>Application Number:</b>	10/630649	<b>*10/630649*</b>								
<b>EFS ID:</b>	53487									
<b>Server Response:</b>	<table border="1"> <thead> <tr> <th>Confirmation Code</th> <th>Message</th> </tr> </thead> <tbody> <tr> <td>ISVR1</td> <td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td> </tr> <tr> <td>ICON1</td> <td>8266</td> </tr> <tr> <td>ISYSS</td> <td>Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.</td> </tr> </tbody> </table>		Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	8266	ISYSS	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.
Confirmation Code	Message									
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application									
ICON1	8266									
ISYSS	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.									
<b>First Named Applicant:</b>	William Jones									
<b>Attorney Docket Number:</b>										
<b>Timestamp:</b>	2004-01-12 12:47:34 EDT									
<b>From:</b>	us									
<b>File Listing:</b>	<table border="1"> <tr> <td></td> <td></td> <td></td> </tr> </table>									

file://G:\IDS-E-Filed\SSI08500%20NDS%20CON\SSI08500G\SSI08500G-xmre.xml

1/12/2004

Acknowledgement Receipt

Page 2 of 2

Doc. Name	File Name	Size (Bytes)
us-ids	SSI08500G-usidst.xml	7665
us-ids	us-ids.dtd	7763
us-ids	us-ids.xsl	12026
package-data	SSI08500G-pkda.xml	1806
package-data	package-data.dtd	27025
package-data	us-package-data.xsl	19263
<b>Total files size</b>		<b>75548</b>

**Message Digest:** 4e22d21ee7b6ad3ed751ffca792f185cb15d1bcb

**Digital Certificate Holder Name:** cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US

TRANSMITTAL		
Electronic Version v1.1 Stylesheet Version v1.1.0		
<b>Title of Invention</b>	<b>CONTROL OF FLUID FLOW IN THE PROCESSING OF AN OBJECT WITH A FLUID</b>	
<b>Application Number:</b>	10/630649 *10/630649*	
<b>Date:</b>	2003-07-29	
<b>First Named Applicant:</b>	William Dale Jones	
<b>Confirmation Number:</b>	8266	
<b>Attorney Docket Number:</b>		
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>		
<b>Submitted by:</b>	<b>Elec. Sign.</b>	<b>Sign. Capacity</b>
Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney

Documents being submitted	Files
us-ids	SSI08500G-usidst.xml us-ids.dtd us-ids.xsl
<b>Comments</b>	

## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v1.8

Stylesheet Version v1.8.0

Title of Invention	CONTROL OF FLUID FLOW IN THE PROCESSING OF AN OBJECT WITH A FLUID						
Application Number:	10/630649 *10/630649*						
Confirmation Number:	8266						
First Named Applicant:	William Jones						
Attorney Docket Number:							
Search string:	( 5672204 or 5817178 or 6508259 or 20010019857 or 20010024247 or 20010041455 or 20010041458 or 20020001929 or 20020055323 or 20020074289 or 20020081533 or 20020088477 or 20020098680 or 20020106867 or 20020112740 or 20020112746 or 20020115022 or 20020117391 or 20020123229 or 20020127844 or 20020132192 or 20020141925 or 20020142595 or 20020150522 or 20030003762 or 20030008238 or 20030008518 or 20030013311 or 20030036023 or 20030047533 ).pn.						
<b>US Patent Documents</b>							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5672204	1997-09-30	Habuka			
	2	5817178	1998-10-06	Mita et al.			
	3	6508259	2003-01-21	Tseronis et al.	81		
<b>US Published Applications</b>							
Note: Applicant is not required to submit a paper copy of cited US Published Applications							
Init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass

file://G:\IDS-E-Filed\SS108500G\20NDS%20CON\SS108500G\SS108500G-usidst.xml

1/12/2004

The current electronic filing contains part 7 out of a total of 7 electronic filings.

Signature

Examiner Name	Date

file://G:\IDS-E-Filed\SS108500G\20NDS%20CON\SS108500G\SS108500G-usidst.xml

1/12/2004

1	20010019857	2001-09-06	Yokoyama	A1
2	20010024247	2001-09-27	Nakata	A1
3	20010041455	2001-11-15	Yun et al.	A1
4	20010041458	2001-11-15	Ikakura et al.	A1
5	20020001929	2002-01-03	Biberger et al.	A1
6	20020055323	2002-05-09	McClain et al.	A1
7	20020074289	2002-06-20	Sateria et al.	A1
8	20020081533	2002-06-27	Simons et al.	A1
9	20020088477	2002-07-11	Cotte et al.	A1
10	20020098680	2002-07-25	Goldstein et al.	A1
11	20020106867	2001-09-27	Yang et al.	A1
12	20020112740	2002-08-22	DeYoung et al.	A1
13	20020112746	2002-08-22	DeYoung et al.	A1
14	20020115022	2002-08-22	Messlick et al.	A1
15	20020117391	2002-08-29	Beam	A1
16	20020123229	2002-09-05	Ono et al.	A1
17	20020127844	2002-09-12	Grilil et al.	A1
18	20020132192	2002-09-19	Namatsu	A1
19	20020141925	2002-10-03	Wong et al.	A1
20	20020142595	2002-10-03	Chlou	A1
21	20020150522	2002-10-17	Heim et al.	A1
22	20030003762	2003-01-02	Cotte et al.	A1
23	20030008238	2003-01-09	Goldfarb et al.	A1
24	20030008518	2003-01-09	Chang et al.	A1
25	20030013311	2003-01-16	Chang et al.	A1
26	20030036023	2003-02-20	Moreau et al.	A1
27	20030047533	2003-03-13	Reid et al.	A1

## Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal.

file://G:\IDS-E-Filed\SS108500G\20NDS%20CON\SS108500G\SS108500G-usidst.xml

1/12/2004